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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/053,600	01/24/2002	Yugi Yata	2002_0078A	5110

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EXAMINER
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PATEL, KANJIBHAI B

ART UNIT	PAPER NUMBER
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2625

DATE MAILED: 11/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/053,600

Applicant(s)

YATA ET AL.

Examiner

Kanji Patel

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 24 January 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4/26/02.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Priority***

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Drawings***

2. Drawings filed on 1/24/02 have been objected by the Draftsperson (see the attached Form PTO-948). The corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

**Claims 1-21** are rejected under 35 U.S.C. 102(b) as being anticipated by Nakajima et al. (US 5,761,334).

**For claim 1**, Nakajima et al. disclose an image display apparatus (Fig.1) comprising:

an image-data storage section (at least memories 10 and 15 in figures 1 and 3 can provide image data storage, one for entire area of the image and other for the limited or specified image data) for storing data of radiograph and other image data;

an image-data display section (at least local area limited image displaying means 90 corresponds to displaying specified image data) for displaying specified image data which is read from the image data storage section;

wherein an image reading window is formed on a screen of the image displaying section for displaying an image of a target region to be diagnosed or to be trace-read (figure 2B, 5B, 13, 14B, 15, 16A-16B,17B; column 35, lines 32-53; column 36, lines 25-50) and an image-reading-window setting means is provided for not displaying an image other than the target region to be diagnosed or to be trace-read (abstract).

**For claims 2 and 8,** Nakajima et al. disclose an image display apparatus, further comprising an image-reading-window shifting means for shifting a setting position of the image reading window formed on the display screen (Figs. 16A-16B; column 36, lines 37-40).

**For claims 3, 9 and 12,** Nakajima et al. disclose an image display apparatus, further comprising an image-reading-window-size changing means for changing a size of the image reading window formed on the display screen (Fig. 17B; column 9, lines 30-59; column 35, lines 50-53).

**For claims 4, 10, 13 and 14,** Nakajima et al. disclose an image display apparatus, further comprising an image-reading-window-shape changing means for changing a shape of the image reading window formed on the display screen column 48, lines 25-32).

**For claims 5 and 15-17,** Nakajima et al. disclose an image display apparatus, wherein the shape of the image reading window is rectangular or square (column 7, lines 50-54).

**For claims 6, 11 and 18-21,** Nakajima et al. disclose an image display apparatus, further comprising an image processing means for processing the image in relation to the image data displayed on the image reading window (column 7, lines 59-67).

**For claim 7,** see the rejection of claim 1 above.

**Other prior art cited**

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Engelmann et al. (US 5,987,345) disclose a method and system for displaying medical images.

Oe (US 5,031,620) discloses an image processing apparatus.

Ito (US 5,049,746) discloses a method and apparatus for displaying energy subtraction.

Gourlay (US 4,435,838) discloses a method and apparatus for tomographical imaging.

Schardt (US 4,430,749) discloses a medical imaging apparatus and method for furnishing difference images.

Dolazza (US 4,573,035) discloses a digital X-ray system.

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### **Contact Information**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kanji Patel whose telephone number is (703) 305-4011. The examiner can normally be reached on Monday to Thursday from 8:00 a.m. to 6:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta, can be reached on (703) 308-5246. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
KANJIBHAI PATEL  
PRIMARY EXAMINER